

Converting Colors

$Yxy(51.7837, 0.3568, 0.3234)$

Have a look what the booklet for
Yxy(51.7837, 0.3568, 0.3234)
contains.

Yxy(51.8106, 0.3566, 0.3235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.8106, 0.3566, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	E7B1B6
RGB	231, 177, 182
RGB Percent	91%, 69%, 71%
CMY	0.0942, 0.3058, 0.2864
CMYK	0.00, 0.23, 0.21, 0.09
HSL	354°, 53%, 80%
HSV	354°, 23%, 91%
XYZ	57.1118, 51.8106, 51.2340
YIQ	193.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

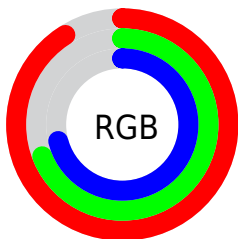
Format	Color
R _Y B	231, 177, 182
Decimal	15184310
CIE Lab	77.17, 20.34, 5.07
CIE LCh	77, 20.962, 14.009
Yxy	51.8106, 0.3566, 0.3235
Android (android.graphics.Color)	4293374390 (0xFFE7B1B6)
YUV	193.7160, -5.7760, 32.6981
Hunter-Lab	71.9796, 15.6655, 8.1839

Details

The Yxy color **51.8106, 0.3566, 0.3235** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.9770, 0.2810, 0.3347**, and the grayscale version is **53.7931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7109, 0.3245, 0.3241**, and **25.1142, 0.3696, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **42.6434, 0.3834, 0.3210**, and if you desaturate by 10%, it is **62.6567, 0.3350, 0.3259**.

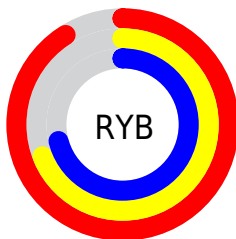
Distribution



Red (91%)

Green (69%)

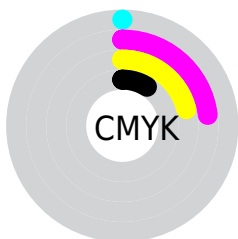
Blue (71%)



Red (91%)

Yellow (69%)

Blue (71%)

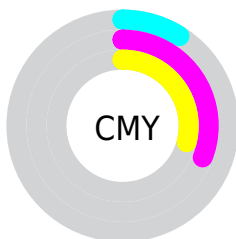


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8106, 0.3566, 0.3235 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 51.8106, 0.3566, 0.3235 by changing the saturation by 10% instead.


 51.8106, 0.3566,
0.3235

 51.8106, 0.3566,
0.3235

393.7050, 0.3349,
0.3265

 36.8541, 0.3619,
0.3227


 92.8519, 0.3488,
0.3246

 25.0946, 0.3687,
0.3216


119.7054, 0.3458,
0.3250

 16.1475, 0.3777,
0.3202


151.2935, 0.3433,
0.3254

 9.6286, 0.3901,
0.3180

188.0004, 0.3412,
0.3257

 5.1534, 0.4082,
0.3146

230.2107, 0.3393,
0.3259

 2.3376, 0.4371,
0.3086

278.3086, 0.3376,

 0.7935, 0.5034,

0.3261

332.6785, 0.3362,
0.3263

0.3025

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8106, 0.3566,
0.3235

51.8106, 0.3566,
0.3235

42.6434, 0.3834,
0.3210

62.6567, 0.3350,
0.3259

35.0644, 0.4161,
0.3187

75.2521, 0.3177,
0.3283

28.9854, 0.4549,
0.3169

89.6721, 0.3038,
0.3304

24.3067, 0.4988,
0.3160

95.7242, 0.2981,
0.3290

■ 20.9163, 0.5446,
0.3165

■ 18.6853, 0.5864,
0.3188

■ 17.4578, 0.6179,
0.3227

■ 17.0392, 0.6315,
0.3252

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.8106, 0.3324, 0.3020



51.8106, 0.3566, 0.3235



51.8106, 0.3686, 0.3472

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.8106, 0.3566, 0.3235



51.8106, 0.3197, 0.3758



51.8106, 0.2629, 0.2888

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.8106, 0.3566, 0.3235



71.9770, 0.2810, 0.3347

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.8106, 0.2599, 0.3067



51.8106, 0.3566, 0.3235



51.8106, 0.2919, 0.3584

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.8106, 0.3566, 0.3235



51.8106, 0.3465, 0.3787



51.8106, 0.2703, 0.3324



51.8106, 0.2785, 0.2822

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.8106, 0.3566, 0.3235



51.8106, 0.3677, 0.3615



51.8106, 0.2703, 0.3324



51.8106, 0.2604, 0.2937

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.8130, 0.3566, 0.3235



88.1349, 0.3236, 0.3274



53.3205, 0.3110, 0.2702



18.6568, 0.3247, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.8130, 0.3566, 0.3235



59.0998, 0.3687, 0.3223



60.8227, 0.3556, 0.3533



14.3894, 0.3278, 0.3269



9.5629, 0.6294, 0.3241



0.7141, 0.6037, 0.3099

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.8130, 0.3566, 0.3235



59.0998, 0.3687, 0.3223



60.9104, 0.2762, 0.3034



14.3894, 0.3278, 0.3269



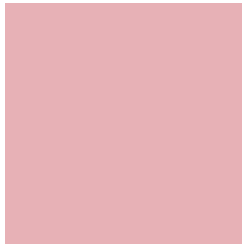
9.5629, 0.6294, 0.3241



0.7141, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 51.8106, 0.3566, 0.3235 looks on a white background.

Color Contrast Check

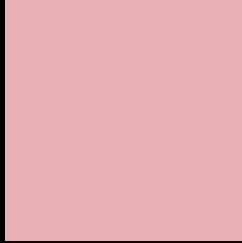
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 51.8106, 0.3566, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8106, 0.3566, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 51.8106, 0.3566, 0.3235.



This preview shows how white text looks on a background with the Yxy color 51.8106, 0.3566, 0.3235.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.8106, 0.3566, 0.3235

Protanopia

52.1031, 0.3176, 0.3303

Deuteranopia

51.7633, 0.3401, 0.3327



Tritanopia

51.8806, 0.3515, 0.3145

Trichromacy



Original Color

51.8106, 0.3566, 0.3235

Protanomaly

51.6530, 0.3315, 0.3279

Deuteranomaly

51.5996, 0.3468, 0.3291

Tritanomaly

51.7516, 0.3542, 0.3178

Monochromacy



Original Color

51.8106, 0.3566, 0.3235

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9495, 0.3270, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8106, 0.3566, 0.3235 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 177, 182)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 182)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 177, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.8106, 0.3566, 0.3235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 177, 182) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 177, 182) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 177, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 182);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8106, 0.3566, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 182) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
177, 182) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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